|                      |               |                 |          |         |          |          |                 |            |                              |          |          |                | 09/826,308      |                 |               |              |                  |          |            |                 |          | SOMENO ET AL.     |                 |           |               |           |  |  |  |
|----------------------|---------------|-----------------|----------|---------|----------|----------|-----------------|------------|------------------------------|----------|----------|----------------|-----------------|-----------------|---------------|--------------|------------------|----------|------------|-----------------|----------|-------------------|-----------------|-----------|---------------|-----------|--|--|--|
|                      |               |                 |          |         |          |          |                 |            |                              |          |          |                | Examiner        |                 |               |              |                  |          |            |                 |          | Art Unit          |                 |           |               |           |  |  |  |
| <b>   </b><br>       |               |                 |          |         |          |          |                 |            |                              |          |          |                |                 | Thierry L. Pham |               |              |                  |          |            |                 |          |                   | 2625            |           |               |           |  |  |  |
|                      | $\overline{}$ | r               |          |         | 7        |          | ГТ              |            |                              |          |          |                |                 |                 |               |              |                  |          |            |                 |          |                   |                 |           | 7             |           |  |  |  |
|                      | 1             | Rejected        |          |         |          |          | -               | (Τ         | (Through numera<br>Cancelled |          |          |                |                 |                 | N Non-Elected |              |                  |          | A          | Appeal          |          |                   |                 |           |               |           |  |  |  |
|                      | =             | A               | Allowed  |         |          |          | ÷               | Restricted |                              |          |          |                |                 |                 | ı             | Interference |                  |          |            | 0               | Objected |                   |                 |           |               |           |  |  |  |
|                      |               |                 |          |         |          |          | Щ               |            |                              |          |          |                |                 | L               |               |              |                  |          |            | L_I             |          |                   |                 |           |               |           |  |  |  |
| Claim                | $\vdash$      | Date            |          |         |          |          |                 | Claim      |                              |          | T -      |                | ate             | _               |               | $\Box$       | Claim            |          |            | Date            |          |                   |                 |           |               |           |  |  |  |
| Finał<br>Original    | 8/14/06       |                 |          |         |          |          |                 |            | Final                        | Original |          | 1              |                 |                 |               |              |                  | Finat    | Original   |                 |          |                   |                 |           |               |           |  |  |  |
| <u>ir</u>   <u>9</u> | 8/1           |                 |          |         |          |          |                 |            | Œ                            | o j      |          |                |                 | -               |               |              |                  | ļ iĒ     | o<br>j     |                 |          |                   |                 |           |               |           |  |  |  |
| 1                    |               |                 |          | 上       |          |          | $\Box$          |            |                              | 51       | #        |                |                 | $\Box$          |               |              |                  |          | 101        |                 |          |                   |                 | 丰         |               |           |  |  |  |
| 3                    | ╁             | ╌┤              | +        | ╀       | -        | -        |                 |            | <u> </u>                     | 52<br>53 | -        | +              | Н               | $\dashv$        | $\dashv$      | -            | Н                |          | 102<br>103 | $\vdash$        | +        | Н                 | $\dashv$        |           | +             | $\dashv$  |  |  |  |
| - 3                  | ╁╴            | Н               | $\dashv$ | +       | ╁╌       | -        | -               | $\dashv$   | $\vdash$                     | 54       | +        | +              | $\vdash$        | +               | $\dashv$      | +            | Н                |          | 103        | ╁╌┼             | +        | +                 | $\vdash$        | +-        | ╌             | $\dashv$  |  |  |  |
| 5                    | T             | П               | $\top$   | $\top$  |          |          |                 |            |                              | 55       | 7        | 1              | П               | $\exists$       | $\neg$        |              | $\Box$           |          | 105        |                 |          | $\Box$            | Ħ               | 士         |               |           |  |  |  |
| €                    |               |                 |          | $\perp$ |          |          |                 |            |                              | 56       |          |                | П               | $\Box$          | $\Box$        |              |                  |          | 106        |                 |          |                   | $\Box$          | ightarrow | $\Box$        |           |  |  |  |
| <u> </u>             | <u> </u>      |                 |          | ╁       | ╄        | <u> </u> | $\dashv$        | _          |                              | 57       |          | <del>.  </del> |                 |                 |               |              | Н                |          | 107        | Н               | -        | $\vdash$          | -               | 4         | +             | 4         |  |  |  |
| 8                    | +             | $\vdash$        | +        | ╫       | +-       | _        | $\vdash$        |            |                              | 58<br>59 |          | +-             | $\vdash$        | $\dashv$        | $\dashv$      |              | $\vdash$         |          | 108<br>109 | $\vdash$        | -        | H                 | $\dashv$        | +         | +             | $\dashv$  |  |  |  |
| 10                   | ╁             | H               |          | ┿       | +        |          | $\forall$       | -          |                              | 60       |          | ╅╴             | H               | +               | $\dashv$      |              | H                |          | 110        | $\vdash$        | +        | Н                 | $\vdash$        | ┰         | +             | ᅥ         |  |  |  |
| (11                  | <b>)</b>      | Н               | +        | +-      | +        |          | $\Box$          | $\dashv$   |                              | 61       | $\dashv$ |                | Н               | +               | $\dashv$      | +            | H                |          | 111        | $\vdash$        | +        | $\dagger \exists$ | $\vdash$        | +         | $\top$        | 一         |  |  |  |
| 12                   | 1             | П               |          |         |          |          |                 |            |                              | 62       |          |                |                 | $\exists$       |               |              |                  |          | 112        |                 |          |                   |                 | $\top$    | $\Box$        |           |  |  |  |
| (13)                 | 1             | Ц               |          | $\perp$ |          |          |                 |            |                              | 63       | $\perp$  |                | П               | $\Box$          |               |              |                  |          | 113        | Ш               | $\perp$  | Ц                 | $\Box$          | $\perp$   |               | $\Box$    |  |  |  |
| (4                   |               | Н               | $\perp$  | 4       | 1        |          |                 | _          |                              | 64       | -        | +              | Н               | 4               | $\dashv$      | _            | Н                | <u> </u> | 114        | Ш               | +        | $\vdash$          | $\dashv$        | _         | +             | _         |  |  |  |
| 15<br>(16            | 1 1           | $\vdash$        | +        | ╁       | +        | -        | $\vdash$        | $\dashv$   |                              | 65<br>66 | +        | +              | Н               | $\dashv$        | $\dashv$      | -            | Н                |          | 115<br>116 | $\vdash$        | +        | $\vdash$          | $\vdash$        |           | +             | $\dashv$  |  |  |  |
| 17                   | 4₹            | $\vdash$        | +        | +       | +-       | $\vdash$ | Н               | $\dashv$   |                              | 67       | +        | +              | $\vdash$        | +               | $\dashv$      |              | Н                |          | 117        | $\vdash$        | +        | ╁┤                | <del></del>     | +         | +             | ᅱ         |  |  |  |
| _18                  | 1             | Н               | $\dashv$ | 1       | 1        |          |                 | _          |                              | 68       |          | 1              | $\Box$          | $\dashv$        | 十             |              | П                |          | 118        | П               |          | $\vdash$          | $\Box$          | $\top$    | 11            | ヿ         |  |  |  |
| 19                   | 1             |                 |          |         |          |          |                 |            |                              | 69       |          |                |                 | $\Box$          |               |              |                  |          | 119        |                 |          |                   |                 | $\perp$   |               |           |  |  |  |
| 20                   | Ľ             |                 |          | ┷       |          |          | Ш               | _          |                              | 70       | _        | 1              | Ш               | 4               | 4             |              | Ш                | ļ        | 120        |                 |          | $\sqcup$          |                 | 4         | $\perp \perp$ | _         |  |  |  |
| 21                   | -             | Н               | +        | ╁       | $\vdash$ |          | $\vdash$        | $\dashv$   |                              | 71<br>72 | +        | +              | Н               | $\dashv$        | $\dashv$      | -            | Н                |          | 121<br>122 | Н               | +        | $\vdash$          | -               |           | +-1           | $\dashv$  |  |  |  |
| 23                   | ╁╌            | $\vdash$        | -        | ╁       | +        | $\vdash$ | $\vdash$        | $\dashv$   |                              | 73       |          | +              | $\vdash$        | $\dashv$        | -+            |              | Н                |          | 123        | $\vdash$        | +        | H                 | $\vdash$        | +         | + +           | ᅥ         |  |  |  |
| 24                   | 1             | H               |          | $\top$  | T        | T        |                 | _          |                              | 74       |          | T              | Н               | $\dashv$        | $\dashv$      |              | П                |          | 124        |                 | $\top$   | T                 |                 | $\top$    | ++            | $\exists$ |  |  |  |
| 25                   |               |                 |          |         |          |          |                 |            |                              | 75       |          |                | П               |                 |               |              |                  |          | 125        |                 |          |                   |                 |           |               |           |  |  |  |
| 26                   | 1             | Ш               | $\perp$  | $\perp$ |          | L        | Ш               |            |                              | 76       |          | 1              | Ц               | 4               | $\perp$       |              | Ц                |          | 126        | Ш               | $\bot$   | Ш                 |                 | $\perp$   | $\perp$       | $\square$ |  |  |  |
| 27<br>28             | -             | H               | +        | +-      | 1        | <u> </u> |                 | _          |                              | 77<br>78 |          | -              |                 | 4               | $\dashv$      |              | <del>     </del> | -        | 127        | Н               |          | +                 | $\vdash$        | +         | +             | _         |  |  |  |
| 29                   | +             | Н               | $\dashv$ | +       | +        | $\vdash$ | $\dashv$        | -          |                              | 79       | +        | +              | Н               | $\dashv$        | $\dashv$      | -            | Н                |          | 128<br>129 | -               | +        | +-                | $\vdash$        | +         | +             | $\dashv$  |  |  |  |
| 30                   | +-            | Н               | -        | 1       | 1        | $\vdash$ | $\dashv$        | $\dashv$   |                              | 80       |          | ╁              | $\vdash$        | 寸               | _             | +            | Н                |          | 130        | H               | $\top$   | $\vdash$          | $\vdash$        | +         |               | ᅥ         |  |  |  |
| 31                   |               |                 |          | L       |          |          |                 |            |                              | 81       |          |                |                 |                 |               |              |                  |          | 131        |                 |          |                   |                 |           |               |           |  |  |  |
| 32                   |               | Ц               | $\perp$  |         |          |          |                 |            |                              | 82       |          | ļ.,            |                 | _               | $\Box$        |              |                  |          | 132        |                 |          | Ц                 |                 | $\perp$   |               |           |  |  |  |
| 33                   |               | $\sqcup$        | +        | +-      |          | <u> </u> |                 | 4          | <u> </u>                     | 83       |          | ╁              | Ш               |                 |               | 4            | Н                |          | 133        | Ш               | _        | $\perp$           | $\sqcup$        | $\bot$    | +             | Ш         |  |  |  |
| 34                   | +             | Н               | -        | +-      | $\vdash$ | -        | $\vdash$        | ⊢          | ├                            | 84<br>85 | $\dashv$ | ╁              | ┝┤              | $\dashv$        | -             | +            | Н                |          | 134<br>135 | Н               |          | ╁┤                | Н               | +         | +             | $\vdash$  |  |  |  |
| 36                   | $\vdash$      | $\vdash$        | +        | ╁       | ┢        | H        | $\vdash$        | -          |                              | 86       | +        | +-             |                 | $\dashv$        | $\dashv$      | -            | H                | -        | 136        | H               | -        | $\vdash$          | H               | +         | +             | $\dashv$  |  |  |  |
| 37                   | +-            | $\Box$          |          | 1       | 1        |          | $\Box$          | -          |                              | 87       | +        | T              | П               |                 | $\top$        | -            | H                |          | 137        | П               | _        | П                 | $\Box$          | +         |               | $\Box$    |  |  |  |
| 38                   |               |                 |          |         |          |          |                 |            |                              | 88       |          |                |                 |                 |               |              |                  |          | 138        |                 |          |                   |                 |           |               |           |  |  |  |
| 39                   | 1             | $\sqcup$        | _        |         |          |          | $\sqcup$        |            | <u> </u>                     | 89       | $\perp$  |                | Ц               | $\dashv$        | _             | 1            | Ш                | ļ        | 139        | Ш               |          | $\sqcup$          | $\Box$          | _         | 44            | Ш         |  |  |  |
| 40                   | $\vdash$      | $\vdash \vdash$ | +        | +-      | +-       | $\vdash$ | $\vdash \vdash$ | $\dashv$   | <u> </u>                     | 90<br>91 |          | +              | ┝┼              | +               | $\dashv$      | -            | H                |          | 140        | ⊢⊦              | +        | ┼┤                | $\vdash \vdash$ | +         | +             | -         |  |  |  |
| 41                   | +             | $\vdash \dashv$ | +        | +       | $\vdash$ | -        | $\vdash \vdash$ | 一          | <b></b>                      | 92       | $\dashv$ | +              | $\vdash \vdash$ | $\dashv$        | -+            | $\dashv$     | H                |          | 142        | $\vdash \vdash$ | +-       | Н                 | $\vdash$        | +         | +             | $\dashv$  |  |  |  |
| 43                   | Τ             | $\Box$          | $\dashv$ | 1       | 1        | Г        | $\vdash$        | $\dashv$   |                              | 93       |          | T              |                 | $\dashv$        | 1             |              | $\sqcap$         |          | 143        | П               | _        | T                 |                 | $\top$    | $\top$        | $\exists$ |  |  |  |
| 44                   |               | П               | $\perp$  | $\Box$  | $\Box$   |          |                 |            |                              | 94       | $\top$   | Г              | П               |                 | $\Box$        |              |                  |          | 144        | П               |          | П                 |                 |           | $\Box$        |           |  |  |  |
| 45                   | $\perp$       | $\sqcup$        |          | 1       | $\perp$  |          | $\Box$          | _          |                              | 95       | _        | 1              | igsqcut         | 4               | $\perp$       | $\perp$      | Ш                | <u></u>  | 145        | $\sqcup$        |          | $\sqcup$          | $\Box$          | 4         | $\Box$        |           |  |  |  |
| 46                   | +             | ⊦⊣              | +        | +       | $\vdash$ | $\vdash$ | $\vdash$        | $\dashv$   |                              | 96<br>97 | +        | +              | $\vdash \vdash$ | +               | $\dashv$      | +            | $\vdash$         | -        | 146<br>147 | $\vdash$        | -        | ╁┤                | $\dashv$        | -         | +             | $\dashv$  |  |  |  |
| 47                   | ╁╌            | $\vdash$        | +        | +       | +        | -        | $\vdash \vdash$ | $\dashv$   | $\vdash$                     | 98       | +        | +              | $\vdash$        | $\dashv$        | $\dashv$      | +            | H                | -        | 148        | $\vdash \vdash$ | -        | +                 | $\vdash$        | +         | +             | $\dashv$  |  |  |  |
| 49                   | +             |                 | +        | +       | +-       | $\vdash$ | -               | $\dashv$   | $\vdash$                     | 99       | _        | +              | $\vdash$        | -+              | $\dashv$      | +            | $\vdash$         | <u> </u> | 149        | H               | +        | +                 | $\vdash$        | +         | +             | $\dashv$  |  |  |  |

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Application/Control No.

Index of Claims

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Applicant(s)/Patent under Reexamination